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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: Tue Aug 14 12:25:46 EDT 2007

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Reviewer Comments:

<110> Arnold, Stephen

Teraoka, Iwao

Vollmer, Frank

The second and third applicant lines are not aligned under the first applicant: do not use TAB codes; they cause misalignment.

<210> 1

<211> 27

<212> DNA

<400> 1

TATGAATTCA ATCCGTCGAG CAGAGTT 27

The above is a sample of global errors. Per 1.823 of the Sequence Rules, the <213> numeric identifier and its response are mandatory; the only valid responses are: the Genus species of the organism, "Artificial Sequence," or "Unknown." "Artificial Sequence" and "Unknown" require explanation in the <220>-<223> section: please give the source of the genetic material. See sample below:

<220> this is a header only; it never has a response, and appears whenever <221>, <222>, or <223> is present.

<223> put the source of the genetic material on this line

Please convert the above upper-case letters for the nucleotides to lower-case letters. All nucleotides must be in lower-case letters when the sequence listing is in the "new" Sequence Rules format.

Please do not use TAB codes between the last nucleotide letter and the cumulative total at the right margin. The "27" above is over the maximum line length of 72 characters (this includes white spaces).

As stated, the above is a sample of errors that appear in all the remaining sequences of the submitted file.

Application No: 10768977

Version No: 1.0

Input Set:

Output Set:

Started: 2007-08-13 18:03:45.908

Finished: 2007-08-13 18:03:47.321

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 413 ms

Total Warnings: 87

Total Errors: 6

No. of SeqIDs Defined: 5

Actual SeqID Count: 5

Error code	Error Description
E 249	Order Sequence Error <212> -> <400>; Expected Mandatory Tag: <213> in SEQID (1)
W 112	Upper case found in data; Found at position(0) SeqId(1)
W 112	Upper case found in data; Found at position(1) SeqId(1)
W 112	Upper case found in data; Found at position(2) SeqId(1)
W 112	Upper case found in data; Found at position(3) SeqId(1)
W 112	Upper case found in data; Found at position(4) SeqId(1)
W 112	Upper case found in data; Found at position(5) SeqId(1)
W 112	Upper case found in data; Found at position(6) SeqId(1)
W 112	Upper case found in data; Found at position(7) SeqId(1)
W 112	Upper case found in data; Found at position(8) SeqId(1)
W 112	Upper case found in data; Found at position(9) SeqId(1)
W 112	Upper case found in data; Found at position(10) SeqId(1)
W 112	Upper case found in data; Found at position(11) SeqId(1)
W 112	Upper case found in data; Found at position(12) SeqId(1)
W 112	Upper case found in data; Found at position(13) SeqId(1)
W 112	Upper case found in data; Found at position(14) SeqId(1)
W 112	Upper case found in data; Found at position(15) SeqId(1)
W 112	Upper case found in data; Found at position(16) SeqId(1)
W 112	Upper case found in data; Found at position(17) SeqId(1)

Input Set:

Output Set:

Started: 2007-08-13 18:03:45.908
Finished: 2007-08-13 18:03:47.321
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 413 ms
Total Warnings: 87
Total Errors: 6
No. of SeqIDs Defined: 5
Actual SeqID Count: 5

Error code	Error Description
W 112	Upper case found in data; Found at position(18) SeqId(1)
W 112	Upper case found in data; Found at position(19) SeqId(1) This error has occurred more than 20 times, will not be displayed
E 249	Order Sequence Error <212> -> <400>; Expected Mandatory Tag: <213> in SEQID (2)
E 249	Order Sequence Error <212> -> <400>; Expected Mandatory Tag: <213> in SEQID (3)
E 249	Order Sequence Error <212> -> <400>; Expected Mandatory Tag: <213> in SEQID (4)
E 249	Order Sequence Error <212> -> <400>; Expected Mandatory Tag: <213> in SEQID (5)
E 250	Structural Validation Error; Sequence listing may not be indexable

<110> Arnold, Stephen
Teraoka, Iwao
Vollmer, Frank

<120> DNA OR RNA DETECTION AND/OR QUANTIFICATION USING
SPECTROSCOPIC SHIFTS OF TWO OR MORE OPTICAL CAVITIES

<130> Poly-50/APP

<140> US 10/768,977

<141> 2004-01-30

<150> US 60/443,736

<151> 2003-01-30

<160> 5

<210> 1

<211> 27

<212> DNA

<400> 1

TATGAATTCA ATCCGTCGAG CAGAGTT 27

<210> 2

<211> 27

<212> DNA

<400> 2

ATTAATACGA CTCACTATAG GGCGATG 27

<210> 3

<211> 11

<212> DNA

<400> 3

CTATCTCAGT C 11

<210> 4

<211> 11

<212> DNA

<400> 4

GATATAGTCA G 11

<210> 5

<211> 11

<212> DNA

<400> 5

CTATATCAGT C 11